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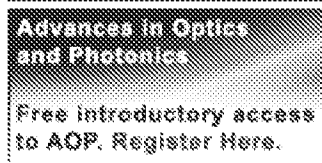
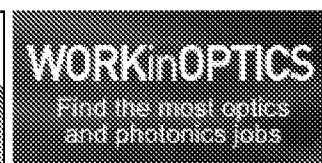
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- Wang, Yannian; Jiang, Zhuangde
- A new distributed optical fiber sensor system for long-distance oil pipeline leakage and external damage detection is presented. A smart and sensitive optical fiber cable is buried...



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- Bunting, Uwe; Lewitzka, Frank; Karlitschek, Peter
- The efficiency evaluation and optimization of various geometric and material aspects for a fiber-optic sensor head (optrode) are described. For the efficiency evaluation, a...



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- Optics Letters, Vol. 30 Issue 24, pp.3284-3286 (2005)
- Juarez, Juan C; Taylor, Henry F
- A distributed sensor system for detecting and locating intruders based on a phase-sensitive optical time-domain reflectometer (phiv-OTDR) that utilizes polarization discrimination is...



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- Applied Spectroscopy, Vol. 52 Issue 9, pp.1148-1153 (1998)
- Marquardt, Brian J; Stratis, Dimitra N; Cremers, David A; Angel, S Michael
- A fiber-optic probe designed for remote laser-induced breakdown spectroscopy (LIBS), Raman spectroscopy, and Raman imaging has been developed for the microanalysis of solid samples....



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- Applied Spectroscopy, Vol. 50 Issue 2, pp.222-233 (1996)
- Yamamoto, Karen Y; Cremers, David A; Ferris, Monty J; Foster, Leeann E
- A portable instrument, based on laser-induced breakdown spectroscopy (LIBS), has been developed for the detection of metal contaminants on surfaces. The instrument has a weight of...

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